

## **Specification**

Replace the paragraph appearing at lines 22-27 on page 8 with the following corrected paragraph:

The orthogonal magnetic coupling layer of free layer 210 to biasing layer ~~245~~ 244 is induced by the electrically-conducting spacer layer 242 that acts as a magnetically-coupling layer. The spacer layer 242 is preferably a generally equiatomic Pt<sub>50</sub>Mn<sub>50</sub> layer having a thickness less than approximately 100Å, preferably between approximately 15Å and 50Å. This thickness is well below the thickness at which Pt<sub>50</sub>Mn<sub>50</sub> exhibits its antiferromagnetic exchange bias effect, which is typically at a thickness greater than approximately 100Å.